Index of Claims

| Applic | ation/C | ontrol | No. |
|--------|---------|--------|-----|
|--------|---------|--------|-----|

10/664,406

Examiner Brian Swenson Applicant(s)/Patent under Reexamination

LEIFERT, TORSTEN

Art Unit

3618

Rejected Allowed

(Through numeral) Cancelled

÷

Restricted

| N | Non-Elected  |
|---|--------------|
|   | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Cla  | aim           |          |          |  |                | Dat  |  |  |  |  | 1 | Cla                                    | aim      | _            |  |                |  | Date   | _<br>e |
|--|---------------|----------|----------|--|----------------|--|--|--|--|--|---|--|----------|--------------|--|----------------|--|--|--------|
|  |               |          |          |  |                |  | Ī  | Ι  | Г  | П  | 1 |  | ĺ        |              | T  | Г              | Ī  |  | Ť      |
| Final  | Original      | 7/1/05   | 2/3/06   | 8/18/06  |                |  |  |  |  |  |   | Final                                  | Original |              |  |                |  |  |        |
| -  | 1             | 1        | 1        | 1  | -              | ┢  | ┢  | ┢  | ╁  | $\vdash$   | 1 |  | 51       | _            | <del>                                     </del> |                | $\vdash$   | $\vdash$   | t      |
|  | 2             | Ī        | 1        | V  | <del> </del>   | $\vdash$   | -  | $\vdash$   | <del> </del>                                     |  |   |  | 52       |              | $\vdash$   | $\vdash$       | H  | $\vdash$   | t      |
|  | 3             | 1        | V        | V  |                |  |  | ┢  | $\vdash$   |  | 1 |  | 53       | _            | Н  |                |  | <del> </del>                                     | t      |
|  | 4             | 1        | 1        | 1  |                |  |  | $\vdash$   | -  |  | 1 |  | 54       |              | $\vdash$   | -              | -  | -  | t      |
|  | 5             | V        | Ī        | 1  | ┞              | ┪  | ┢  | ╁  | $\vdash$   |  | 1 |  | 55       | -            | $\vdash$   |                |  | $\vdash$   | t      |
|  | 6             | V        | V        | Ì  |                | 1  |  | <u> </u>   | ┢  |  | 1 |  | 56       |              | $\vdash$   |                |  | $\vdash$   | t      |
| -  | 7             | 1        | J        | 1  | -              | $\vdash$   |  | ┢  | $\vdash$   |  | 1 |  | 57       |              | H  |                |  |  | t      |
| $\overline{}$                                    | 8             | 1        | V        | Ī  | H              |  |  | $\vdash$   | -  | <del>                                     </del> | 1 |  | 58       |              |  | -              | <del> </del>                                     | _  | t      |
|  | 9             | Ī        | 1        | Ì  | <del> </del> — | -  | ╁  | $\vdash$   | $\vdash$   |  | 1 |  | 59       |              |  |                |  | ┢╌   | t      |
|  | 10            | 1        | 1        | 1  |                | -  |  | ┢  | ╁  | $\vdash$   |   |  | 60       |              | -  | _              |  | $\vdash$   | t      |
| —  | 11            | Ì        | Ì        | Ì  | -              | <del>                                     </del> | $\vdash$   | <u> </u>   | t  |  | 1 |  | 61       |              | $\vdash$   |                |  | $\vdash$   | t      |
|  | 12            | Ī        | J        | 1  |                | ╁  | -  | <del>                                     </del> | <del>                                     </del> | ╁  | 1 |  | 62       | -            | ┢  |                |  | $\vdash$   | t      |
|  | 13            | V        | 1        | V  |                |  |  | <b>-</b>   | ┢  | -  | 1 |  | 63       | $\vdash$     | $\vdash$   |                |  | -  | t      |
|  | 14            | Ì        | J        | Ì  | <del> </del>   | -  |  | _  | $\vdash$   |  | i | -                                      | 64       |              |  |                |  | $\vdash$   | t      |
| <u> </u>   | 15            | H        | Ė        | Ė  | -              | -  | 一  | $\vdash$   | $\vdash$   |  |   |  | 65       | $\vdash$     | -  |                |  | $\vdash$   | t      |
| <u> </u>   | 16            | -        | $\vdash$ | -  |                | ┢  | $\vdash$   | ┢  | ┢  | $\vdash$   |   |  | 66       | $\vdash$     | $\vdash$   |                |  | -  | t      |
| -  | 17            | _        |          | -  | -              |  |  | -  | H  |  |   |  | 67       |              | -  | -              | _  |  | t      |
| -  | 18            |          |          |  | -              | -  | -  | ├─   | $\vdash$   |  |   |  | 68       |              |  | -              |  |  | t      |
|  | 19            |          |          |  | ┢╾             | -  | ├  | ╁  | $\vdash$   | $\vdash$   |   |  | 69       |              | _  | -              | ┢  | $\vdash$   | t      |
|  | 20            |          | -        | -  | $\vdash$       |  |  | ┢  | ╁╾   |  |   |  | 70       | _            | ┢  | ┢┈             | -  | ┢  | ł      |
|  | 21            |          | -        | -  | -              |  |  | $\vdash$   | ╁  | -  |   |  | 71       |              | ┢  | <u> </u>       | $\vdash$   | -  | t      |
| <u> </u>   | 22            |          | -        | -  | -              | $\vdash$   |  | ┢  | $\vdash$   | -  |   |  | 72       | _            | $\vdash$   | ┝              | ⊢  | _  | ł      |
|  | 23            |          |          | _  | ┢              |  | $\vdash$   | ┢  | ┢  | -  |   |  | 73       |              | H  | ┝              | -  | <del> </del>                                     | ł      |
|  | 24            |          |          |  | -              |  |  | $\vdash$   | ╁  | -  |   |  | 74       | _            | ┢  | $\vdash$       | ┝  | _  | ł      |
| <u> </u>   | 25            |          |          |  | -              | -  | ╁  | ┢╌   | ┢  | ┢  |   |  | 75       |              | -  | $\vdash$       | $\vdash$   |  | ł      |
|  | 26            |          |          | $\vdash$   |                |  |  | $\vdash$   | ╁─   | ├  |   |  | 76       |              | $\vdash$   | $\vdash$       |  |  | ŀ      |
| $\vdash$   | 27            | _        |          | -  |                |  |  |  | ┢  |  |   |  | 77       |              | $\vdash$   | ⊢              | -  | _  | ł      |
|  | 28            | _        | -        |  |                |  |  |  | ╁  | -  |   |  | 78       |              | $\vdash$   | ┝              | <del> </del>                                     |  | ł      |
|  | 29            | _        |          | $\vdash$   | -              |  |  | ╫  | ╁  | ┢  |   |  | 79       | _            | ├─   | ├              | _  |  | ł      |
| <del>                                     </del> | 30            | _        |          | -  |                | -  | $\vdash$   | ┢  | ┢  | $\vdash$   |   |  | 80       |              | $\vdash$   | $\vdash$       | -  |  | ł      |
|  | 31            | _        | -        |  |                |  | $\vdash$   | ┢  | ┢  | ┢╾   |   |  | 81       |              | $\vdash$   | -              |  | -  | ł      |
| <u> </u>   | 32            |          |          | $\vdash$   | -              | -  | -  | ┼  | ├  | -  |   |  | 82       | -            | -  | _              | $\vdash$   |  | ł      |
|  | 33            | -        |          | <del> </del>                                     |                | -  | <del> </del> —                                   | ├  | ┢  | ┢  |   |  | 83       | _            |  | <del> </del>   | H  |  | ł      |
|  | 34            |          |          | <u> </u>   |                | -  |  | ├  | ├  |  |   |  | 84       | _            | -  |                | H  | $\vdash$   | ł      |
| _  | 35            | _        |          | -  | -              | -  | $\vdash$   | ┢  | ╁  | $\vdash$   |   |  | 85       |              |  | -              | -  | -  | ł      |
|  | 36            | _        |          | _  |                |  | -  | ╁  | ┢  | $\vdash$   |   |  | 86       | —            | _  | $\vdash$       | H  |  | ł      |
|  | 37            |          | -        |  |                |  | $\vdash$   | ╁╾   | ┢  | ├  |   |  | 87       |              | -  | ┢              | $\vdash$   | $\vdash$   | ł      |
|  | 38            | -        | -        | $\vdash$   |                |  | 1  | $\vdash$   | ┢  | <del>                                     </del> |   |  | 88       | _            | ├─   | $\vdash$       | $\vdash$   | $\vdash$   | t      |
| $\vdash$   | 39            | -        |          | <del>                                     </del> | <del> </del>   |  | $\vdash$   | $\vdash$   | $\vdash$   | <del>                                     </del> |   |  | 89       |              | ┢╌   | $\vdash$       | $\vdash$   | <del>                                     </del> | t      |
|  | 40            | -        |          | $\vdash$   |                | <del>                                     </del> |  | <del>                                     </del> | $\vdash$   | $\vdash$   |   | <b></b> -                              | 90       | -            | <del> </del>                                     | -              | -  | -  | t      |
| $\vdash$   | 41            | $\vdash$ |          | $\vdash$   | <del> </del>   | -  | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   |   |  | 91       | $\vdash$     | $\vdash$   | -              | -  | $\vdash$   | t      |
|  | 42            | -        | -        | $\vdash$   | $\vdash$       | $\vdash$   |  | <del> </del>                                     | <del>                                     </del> | <del> </del>                                     |   | -                                      | 92       | $\vdash$     | <del>                                     </del> | -              |  | $\vdash$   | t      |
| -  | 43            |          | -        | $\vdash$   | $\vdash$       |  | -  | 1  | <del>                                     </del> | -  |   |  | 93       | <del></del>  | $\vdash$   | <del>  -</del> | $\vdash$   | <del> </del>                                     | t      |
|  | 44            |          |          | $\vdash$   |                |  |  | $\vdash$   | 1  | $\vdash$   | 1 | <del></del>                            | 94       | -            | -  | <del> </del>   |  | $\vdash$   | t      |
| <u> </u>   | 45            | $\vdash$ | _        | $\vdash$   | $\vdash$       | <del>                                     </del> | <del>                                     </del> | $\vdash$   | $\vdash$   | $\vdash$   | 1 |  | 95       | ├            | -  | -              |  | $\vdash$   | t      |
|  | 46            | $\vdash$ |          |  |                | $\vdash$   | $\vdash$   |  | $\vdash$   | $\vdash$   | i |  | 96       | <del> </del> | $\vdash$   | -              | ┢  | <del> </del>                                     | ł      |
|  | 47            | _        |          | $\vdash$   | $\vdash$       |  | $\vdash$   | $\vdash$   | $\vdash$   | -  | 1 | <del></del>                            | 97       | Н-           | <del>                                     </del> |                | <del>                                     </del> | <del> </del>                                     | t      |
|  | 48            | $\vdash$ |          | <u> </u>   | $\vdash$       | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   | 1 |  | 98       |              | ⊢  | ├              | $\vdash$   | $\vdash$   | t      |
|  | 49            |          |          | $\vdash$   | ┢              | <del>                                     </del> | <del>                                     </del> | $\vdash$   | t  | $\vdash$   | ĺ | <u> </u>                               | 99       |              | $\vdash$   | -              | $\vdash$   | $\vdash$   | t      |
|  | 50            |          |          |  | ┢              | $\vdash$   |  | _  | 一  | _  | i |  | 100      | ├─           | ┢  | <u> </u>       | -  | <del>                                     </del> | t      |
|  | _ <del></del> | _        | Ц.       |  |                | 1  | Ь—   | ــــــ   | 1  | Щ.   | J | 'ـــــــــــــــــــــــــــــــــــــ |          |              | Ь_   | Ь              | L  | Щ.   | L      |

| Cla      | Claim    |              |              | Date     |          |          |          |               |              |              |  |  |  |
|----------|----------|--------------|--------------|----------|----------|----------|----------|---------------|--------------|--------------|--|--|--|
| Final    | Original |              |              |          |          |          |          |               |              |              |  |  |  |
|          | 51       |              |              |          |          |          |          |               |              |              |  |  |  |
|          | 52       |              | Г            |          |          |          |          |               |              |              |  |  |  |
|          | 52<br>53 | _            |              |          |          |          | <u> </u> | $\vdash$      | $\vdash$     |              |  |  |  |
|          | 54       |              |              | -        | -        | _        | $\vdash$ | _             | $\vdash$     |              |  |  |  |
| -        | 55       | _            |              |          |          |          | ┢        | _             | $\vdash$     |              |  |  |  |
|          | 56       |              |              |          | H        | -        | -        |               |              | _            |  |  |  |
| ļ        | 57       |              |              | -        |          |          | -        | -             | _            | _            |  |  |  |
|          | 58       |              |              | -        | -        | _        | ┢        |               | $\vdash$     |              |  |  |  |
| -        | 59       |              |              |          |          | -        | -        |               | _            |              |  |  |  |
| $\vdash$ | 60       |              |              | -        |          |          | ┢        |               | -            |              |  |  |  |
| -        | 61       | _            | $\vdash$     |          |          |          | -        |               |              | _            |  |  |  |
| -        | 62       | -            | ┝            | _        |          |          | -        | -             |              |              |  |  |  |
| -        | 63       | _            | H            |          |          |          |          |               |              |              |  |  |  |
| -        | 64       |              |              |          |          |          | -        | -             |              | _            |  |  |  |
|          | 65       | -            | -            |          |          |          | -        |               |              |              |  |  |  |
|          | 66       | _            | _            | $\vdash$ |          | -        | -        | _             |              | -            |  |  |  |
| -        | 67       |              | _            | -        |          |          |          | <u> </u>      | -            | _            |  |  |  |
| <u> </u> |          |              |              | _        |          |          |          |               |              | _            |  |  |  |
| -        | 68<br>69 |              | -            | -        |          |          |          |               |              | _            |  |  |  |
|          | 70       | _            |              | -        |          | _        | _        | _             |              | _            |  |  |  |
|          | 71       |              | H            | H        | -        |          | _        | _             | _            | _            |  |  |  |
| <b></b>  | 72       | _            |              |          |          |          | _        | -             | _            | _            |  |  |  |
|          | 73       |              |              |          | _        | -        |          |               |              |              |  |  |  |
|          | 74       | _            |              | $\vdash$ | -        |          | _        |               |              |              |  |  |  |
| <b></b>  | 74<br>75 |              | _            | _        |          |          |          |               |              |              |  |  |  |
|          | 76       |              |              | -        |          |          |          |               |              | _            |  |  |  |
|          | 76<br>77 |              | $\vdash$     | -        |          |          | -        | -             |              | _            |  |  |  |
|          | 70       |              |              | -        | _        |          |          |               |              | _            |  |  |  |
| -        | 78       |              |              | -        |          |          |          | _             |              | _            |  |  |  |
|          | 79<br>80 | _            | H            | H        | _        |          |          | _             | _            | _            |  |  |  |
| <u> </u> |          |              | $\vdash$     | <u> </u> |          | _        |          |               | _            |              |  |  |  |
| -        | 81       | _            | _            | _        |          |          |          |               |              |              |  |  |  |
|          | 82       | _            |              | _        |          |          |          |               |              |              |  |  |  |
| -        | 83       | _            |              | _        |          |          |          | _             |              |              |  |  |  |
|          | 84<br>85 |              |              |          | -        |          |          |               | _            |              |  |  |  |
| -        | 86       | _            | -            | $\vdash$ | _        | _        |          | _             |              | _            |  |  |  |
| -        | 00       |              |              | H        | _        | _        |          | _             |              | _            |  |  |  |
| -        | 87<br>88 | _            | -            | <u> </u> |          | _        |          | $\vdash$      |              | _            |  |  |  |
|          |          |              | -            | _        | _        | _        | _        | _             |              | _            |  |  |  |
| -        | 89       | _            | -            | -        |          |          |          |               |              | _            |  |  |  |
| <u> </u> | 90<br>91 | $\vdash$     |              | -        | -        | $\vdash$ | -        |               | -            | <u> </u>     |  |  |  |
| -        | 92       | $\vdash$     | ┝            | -        | H        |          | H        | H             | Ь.,          | <del> </del> |  |  |  |
| -        | 93       | <del> </del> | $\vdash$     | -        | <b>—</b> |          | $\vdash$ | H             | H            |              |  |  |  |
| _        | 94       | -            | <del> </del> | -        |          |          | ⊢        |               | <sup> </sup> |              |  |  |  |
| -        | 95       |              | -            | $\vdash$ |          | -        | ┝        | -             | <del>-</del> |              |  |  |  |
|          | 96       |              |              | -        |          |          | <u> </u> | <u> </u>      | <u> </u>     | -            |  |  |  |
| <u> </u> | 97       | -            | -            | -        |          |          | ├-       | -             | <u> </u>     |              |  |  |  |
| -        | 98       | _            | -            | -        | $\vdash$ | $\vdash$ | $\vdash$ | H             |              |              |  |  |  |
| -        | 99       | -            | ⊢            | -        |          | -        | ├-       | <del>  </del> | <u> </u>     | -            |  |  |  |
|          | 100      | ├            | <u> </u>     | $\vdash$ | -        | -        | -        | H             | <u> </u>     | _            |  |  |  |

| Final       |                                 |          |  |                |          |              |  | 1        | _  |          |
|-------------|---------------------------------|----------|--|----------------|----------|--------------|--|----------|--|----------|
| Final       | ā                               |          | ı  | ı              |          |              | 1  | l        | l  | l        |
| 1           | Original                        |          |  |                |          |              |  |          |  |          |
|             | 101                             |          |  |                |          |              |  |          |  |          |
|             | 102                             |          |  | _              |          |              | _  |          |  |          |
| $\perp$     | 103                             | _        | _  | _              | _        |              |  | <u> </u> | _  | _        |
| ļ           | 104<br>105                      |          | <u> </u>   | ļ              |          | <u> </u>     | _  | _        | <u> </u>   | <u> </u> |
|             | 105                             | _        | _  | <del> </del>   |          |              | _  |          | <b> </b>   |          |
|             | 106<br>107                      |          | ⊢  | ⊢              | $\vdash$ | -            | _  |          |  | <u> </u> |
|             | 108                             |          | -  | $\vdash$       | _        |              | $\vdash$   | H        | $\vdash$   | $\vdash$ |
| $\vdash$    | 109                             | -        | $\vdash$   |                | -        |              |  |          | $\vdash$   | $\vdash$ |
|             | 110                             |          |  |                |          |              |  | _        |  |          |
| П           | 111                             |          |  |                |          |              |  | $\vdash$ |  |          |
|             | 112<br>113                      |          |  |                |          |              |  |          |  |          |
|             | 113                             |          |  |                |          |              |  |          | $\Box$   | Ĺ        |
|             | 114                             | L.       | L  | <u> </u>       | <u> </u> | <u> </u>     |  | _        | _  | _        |
| $\vdash$    | 115<br>116                      |          |  |                |          | -            |  |          | _  | L        |
| <b>  </b>   | 116<br>117                      | H        | H  | $\vdash$       | <u> </u> | <u> </u>     |  | <u> </u> | _  | _        |
| <del></del> | 11/                             |          | $\vdash$   |                |          | <del> </del> |  |          | _  | $\vdash$ |
|             | 118<br>119                      |          |  | ┝              |          | _            | -  | $\vdash$ |  | H        |
| -           | 120                             |          |  | $\vdash$       | _        |              |  |          |  |          |
|             | 120<br>121<br>122               |          | _  | -              | _        |              |  | _        |  | -        |
|             | 122                             | _        |  |                |          |              |  |          |  |          |
|             | 123                             |          |  |                |          |              | _  |          |  |          |
|             | 123<br>124<br>125               |          |  |                |          |              |  |          |  |          |
|             | 125                             |          |  |                |          |              |  |          |  |          |
| $\sqcup$    | 126                             |          |  |                |          |              |  | _        |  |          |
| $\vdash$    | 127                             | _        |  |                |          |              |  |          |  |          |
|             | 128                             |          | <b>_</b>   | -              |          | <u> </u>     |  |          | _  | <u> </u> |
| $\vdash$    | 126<br>127<br>128<br>129<br>130 |          | _  |                | _        |              | _  |          | _  |          |
| $\vdash$    | 131                             |          | _  |                |          |              |  | _        | $\vdash$   |          |
|             | 131<br>132                      |          | -  | -              | _        |              |  |          | -  | -        |
|             | 133                             |          |  |                |          | $\vdash$     | _  | Н        | $\vdash$   |          |
| $\vdash$    | 134                             | П        |  |                |          |              | Н  |          | _  | Н        |
|             | 135                             |          |  |                |          |              |  |          |  |          |
|             | 136                             |          |  |                |          |              |  |          |  |          |
|             | 137<br>138                      |          |  |                |          |              |  |          |  |          |
|             | 138                             |          |  |                |          | L            |  |          |  |          |
| $\vdash$    | 139                             |          | _  | <u> </u>       | _        | <u> </u>     | _  | L        |  | _        |
| $\vdash$    | 140                             |          | H  | <u> </u>       | <u> </u> | <u> </u>     | _  | <u> </u> | _  | _        |
| <del></del> | 141                             | <u> </u> | <u> </u>   | <u> </u>       |          | -            | $\vdash$   | -        | $\vdash$   | <u> </u> |
| $\vdash$    | 143                             | -        | ┝  | <del> </del>   | <u> </u> |              | <del> </del>                                     | ├        | <del> </del>                                     | $\vdash$ |
|             | 144                             | -        | -  | <del>  -</del> |          | -            | $\vdash$   | $\vdash$ | ├-   | -        |
|             | 145                             | -        | <del>                                     </del> | $\vdash$       |          |              | $\vdash$   | -        | <del> </del>                                     | $\vdash$ |
|             | 146                             | $\vdash$ | $\vdash$   | $\vdash$       | _        | $\vdash$     | <del>                                     </del> | $\vdash$ | <del>                                     </del> | -        |
| $\Box$      | 147                             | Т        | <del>                                     </del> |                |          |              | $\vdash$   | $\vdash$ | ┢  |          |
|             | 148                             |          |  |                |          |              | Γ  | Т        | $\vdash$   |          |
|             | 149                             |          |  |                |          |              |  |          |  |          |
|             | 150                             |          | 匚  |                |          |              |  |          |  |          |